ELSEVIER

Thermochimica Acta 263 (1995) vii

thermochimica acta

Contents

(Abstracted/Indexed in: Curr. Contents: Phys., Chem. Earth Sci.; Eng., Technol. Appl. Sci., Chem. Abstr., PASCAL/CNRS)

Special Issue: Thermal Analysis Applied to Environmental Problems, edited by A.A.F. Kettrup

Preface viii

Study of recyclable polymer automobile undercoatings containing PVC using TG/FTIR
E. Post, S. Rahner (Selb, Germany), H. Möhler (Würzburg, Germany), A. Rager (Karlsruhe, Germany) 1

Evaluation of relative humidity effects on fabric-supported paintings by dynamic mechanical and dielectric analysis
M. Odlyha, T.Y.A. Chan and O. Pages (London, UK) 7

Thermal investigations of active compounds in thin-layer photovoltaic modules (CdTe and $CuInSe_2$)
G. Matuschek, A. Finke, W. Thumm and A. Kettrup (Oberschleissheim, Germany) 23

Prediction of the thermal response of hazardous materials during storage using an improved technique
J. Opfermann (Selb, Germany) and W. Hädrich (Basel, Switzerland) 29

Recycling of vinylidene chloride copolymer coated polypropylene film: a study of the thermal degradation of VDC copolymer
M.D. Wright, G.C. Lees and S.J. Hurst (Manchester, UK) 51

Thermal degradation of different fire retardant polyurethane foams
G. Matuschek (Oberschleissheim, Germany) 59

Investigation of thermal degradation of some adhesives used in the automobile industry by thermal analysis/mass spectrometry and GC-MS
G. Lörinci (Oberschleissheim, Germany), G. Matuschek, J. Fekete (Budapest, Hungary), I. Gebefügi and A. Kettrup (Oberschleissheim, Germany) 73

Thermal behaviour of basic oxygen furnace waste slag
S.A. Mikhail and A.M. Turcotte (Ottawa, Canada) 87

The influence of combustion bed temperature during waste incineration on slag quality
P. Wunsch, G. Matuschek and A. Kettrup (Oberschleissheim, Germany) 95

Thermoanalytical methods for characterizing hydrocarbon–sludge–soil mixtures
M. Remmler, F.-D. Kopinke and U. Stottmeister (Leipzig, Germany) 101

Thermal conversion of hydrocarbons on solid matrices
M. Remmler and F.-D. Kopinke (Leipzig, Germany) 113

Reactions of hydrocarbons during thermodesorption from sediments
F.-D. Kopinke and M. Remmler (Leipzig, Germany) 123

Chemical, petrographic and thermoanalytical characterization of two Northbohemian low rank coals
V. Balek (Rez, Czech Republic), G. Matuschek, A. Kettrup (Oberschleissheim, Germany) and I. Sykorová (Prague, Czech Republic) 141

Author Index 159

Subject Index 161